IN THE CLAIMS:

Claims 1-20 (cancelled)

Claim 21 (new): A chemical composition for de-acidification of a porous cellulose material, the composition being in the form of a solution and comprising:

carbonated magnesium di-n-propylate;

n–propanol; and

a hydrofluorocarbon diluent selected from the group consisting of 1,1,1,2-tetrafluoroethane and 1,1,1,2,3,3,3-heptafluoropropane.

Claim 22 (new): A chemical composition according to claim 21, including 30% to 70% (W/V) of the carbonated magnesium di-n-propylate in the n-propanol of the solution.

Claim 23 (new): A chemical composition according to claim 21, wherein the concentration of carbonated magnesium di-n-propylate in the solution is between 1% and 10% (W/V).

Claim 24 (new): A chemical composition according to claim 21, wherein the concentration of n-propanol in the solution is less than 10% (V/V).

Claim 25 (new): A chemical composition according to claim 21, wherein the concentration of the carbonated magnesium di-n-propylate in the solution is between 3.8% and 4.5% (W/V) and the concentration of the n-propanol in the solution is between 2% and 3% (V/V).

Claim 26 (new): A chemical composition according to claim 21, wherein the concentration of the carbonated magnesium di-n-propylate and the n-propanol in the solution is 30% to 70% (W/V) for application of the solution on a cellulose material by machine.

Claim 27 (new): A chemical composition according to claim 21, wherein the concentration of the carbonated magnesium di-n-propylate and the n-propanol in the solution is 3.5% to 4.5% (W/V) for application of the solution on a cellulose material by spray.